

LiveLine

High Voltage Inspection Camera

LL01

Rated for use in high voltage environments, the Live Line is a portable inspection tool that can be used for applications such as:

- Examining Contacts & Connections
- Reading Name Plates of Installed Equipment
- Fault finding & Root Cause Analysis
- Monitoring Gauges, Meters & Levels

Wireless Inspection
Device for High Voltage
Environments



The Live Line camera is a rapid deploy instrument insulated for use around the energized power network.

Using wireless technology, the **Live Line** safely streams real time high resolution video to a hand-held display allowing a non-intrusive close up inspection of the high voltage network from the ground with one-touch image capturing capabilities.



FEATURES

- ✓ Rapid Deployment via Hotstick
- ✓ Rated for Use in High Voltage Areas
- ✓ High Resolution Wireless Camera
- ✓ One Touch Built In Image Capturing
- ✓ Built In High Intensity LED lights
- ✓ Portable, Rugged & Weatherproof
- ✓ Uninterrupted Wireless Video

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LiveLine LL01

High Voltage Inspection Camera

Using wireless technology, the Live Line camera safely streams real time high resolution video to a hand-held display allowing a non-intrusive close up inspection of the high voltage network from the ground.

With one-touch recording capabilities, the live images can be stored on a removable memory card at the touch of a button.

These images can then be reviewed for further examination, or attached as part of an asset report etc.

Designed for use on the distribution and transmission network, the key features of the Live Line include:

- Rapid deployment via hotstick
- Rated to 275kV line to line
- High quality high resolution camera
- One-touch built in recording capabilities
- Portable, rugged & weatherproof
- Over 5 hours continuous use
- Battery charging via ~120V-240V AC or 12V-48V DC connection
- High quality LCD flat monitor
- High intensity LED illumination
- Using high frequency band for uninterrupted wireless streaming images



Camera

Battery

Attached to the appropriate insulated hotstick, the Live Line camera is fully protected within a weatherproof, rugged housing for safe inspections of energized equipment.

The camera incorporates a quick-change style battery pack with concealed charging socket to provide enhanced protection against energized equipment.

In addition to the camera and receiver, the housing also includes high intensity LEDs that provide enhanced viewing in dull, shaded or dark areas. Installed with lithium batteries the camera can offer up to five hours continuous use from one charge.



Receiver & LCD Color Monitor

Supplied with a 5.6" flat screen LCD monitor the wireless images are viewed in color with exceptional clarity. With the option to mount the screen either at the bottom of the hotstick or held separately, users will find the screen able to offer adequate viewing in a wide range of environments.

Technical Specifications

- Line to Line Rating 275kV
- Typical Kit
 - Wireless camera
 - LCD display with integrated hot-stick mount
 - Receiver with shoulder strap
 - Camera and receiver AC charger
 - Camera and receiver car charger
 - Protective transportation case
- Hot Stick Mount Universal Sunrise fitting
- Transmission Frequency 2.4Hz - 2.483 GHz
- Transmission Range Up to 65ft (20m) line of site
- Transmission Power 10mW EIRP
- Transmission Standards FCC/IC/CE Approved
- **Display and Image Capture**
 - Camera Type 1/3" CCD-440 line resolution
 - LCD 5.6" TFT LCD video color PAL or NTSC
- **Power**
 - Battery Lithium Ion rechargeable battery packs
 - Camera Battery Performance 5 hours performance (without LED illumination)
 - Receiver Battery Performance 5 hours performance
 - Battery Charging 6 hours
- **Construction**
 - Housing Material Nylon resin
 - Housing Dielectric Strength 25kV/mm
 - Operating Temperature 0°C to 50°C
- **Recording Feature of LL01**
 - Image Recording Format JPEG

Receiver



One-Touch Recording

Housed in the small receiver box, the one-touch recording device allows the user to capture live images at the press of a button. The images are stored on a removable memory card.

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